



**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Shin et al.

**Application No.:** 10/686,388

**Confirmation No.:** 6304

**Filed:** October 14, 2003

For: METHOD AND APPARATUS FOR  
DETERMINING SIGNAL-TO-  
INTERFERENCE RATIO WITH REDUCED  
BIAS EFFECT

**Group:** 2857

**Examiner:** Hal D. Wachsman

Our File: I-2-0434.1US

Date: January 31, 2005

**REPLY PURSUANT TO 37 C.F.R. §1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Reply is being timely filed in response to the *Ex Parte Quayle* Office Action dated December 1, 2004.

Please amend the application without prejudice or disclaimer as follows: